



## Shuttle Main Engine prepares to get “fired up”

### ▲ Shuttle Engine Built at KSC:

The first of five engines to be fully assembled at KSC was unveiled Tuesday. Space Shuttle Main Engine (SSME) 2058 is being shipped to NASA's Stennis Space Center in Mississippi to undergo a hot fire acceptance test. The Space Shuttle program aims to have 15 engines ready for launch at any given time.



Historically, SSMEs were assembled in Canoga Park, Calif., with post-flight inspections performed at KSC. Both functions were consolidated in February 2002. The Rocketdyne Propulsion and Power division of The Boeing Co. manufactures the engines for NASA.

## NASA Web site posts images, reports, measurements from Mars rovers

### ▲ More Data From Mars Rover Spirit Now Online:

Beginning today, a more complete set of science data from Spirit's first 30 martian days is posted on a site primarily for scientists and technical researchers, but also available to anyone who's interested.

The first installment of images, spectroscopic measurements, daily reports and other information from NASA's Mars Exploration Rover project has been posted on NASA's Planetary Data System. It is available with a new “Analyst's Notebook” user interface at <http://pds-geosciences.wustl.edu/meran>.

The home page for the Planetary Data System is <http://pds.jpl.nasa.gov>.

Images are also available from the system's Planetary Image Atlas, at [http://pdsimg.jpl.nasa.gov/cgi-bin/MER/search?INSTRUMENT\\_HOST\\_NAME=MARS\\_EXPLORATION\\_ROVER](http://pdsimg.jpl.nasa.gov/cgi-bin/MER/search?INSTRUMENT_HOST_NAME=MARS_EXPLORATION_ROVER).

Data from Opportunity's first 30 martian days, or “sols,” will be added Aug. 24, and data from later portions of both rovers' missions will be added in October.

■ **KSC Bi-Annual Environmental & Energy Awards Nominations Due Aug. 20** — Employees are invited to participate in the 2004 KSC Bi-Annual Environmental & Energy

awards call. The award is given to an individual or team recognizing its contributions and/or successful operations in preserving the environment, conserving energy and reserving natural resources while reaching for the stars.

The categories are Affirmative Procurement; Education, Outreach, and Awareness; Energy Conservation; Environmental & Energy Leader; Hazardous Waste; Historic/Archaeological Preservation; Natural Resources/Habitat Conservation; Recycling; Waste Prevention; and Water Conservation. Nominations to the Environmental & Energy Awards Program are due by close of business Aug. 29 to Barbara Naylor/TA-C3.

For nomination forms, contact Barbara Naylor at 867-8452 or e-mail [Barbara.A.Naylor@nasa.gov](mailto:Barbara.A.Naylor@nasa.gov). The date for the Bi-Annual Awards Ceremony has not yet been scheduled.

### ■ Did You Know? Retreating glaciers spur Alaskan earthquakes:

In a new study, NASA and United States Geological Survey (USGS) scientists found that retreating glaciers in southern Alaska may be opening the way for future earthquakes. Read more about it at [http://www.nasa.gov/home/hqnews/2004/jul/HQ\\_04252\\_glaciers.html](http://www.nasa.gov/home/hqnews/2004/jul/HQ_04252_glaciers.html).